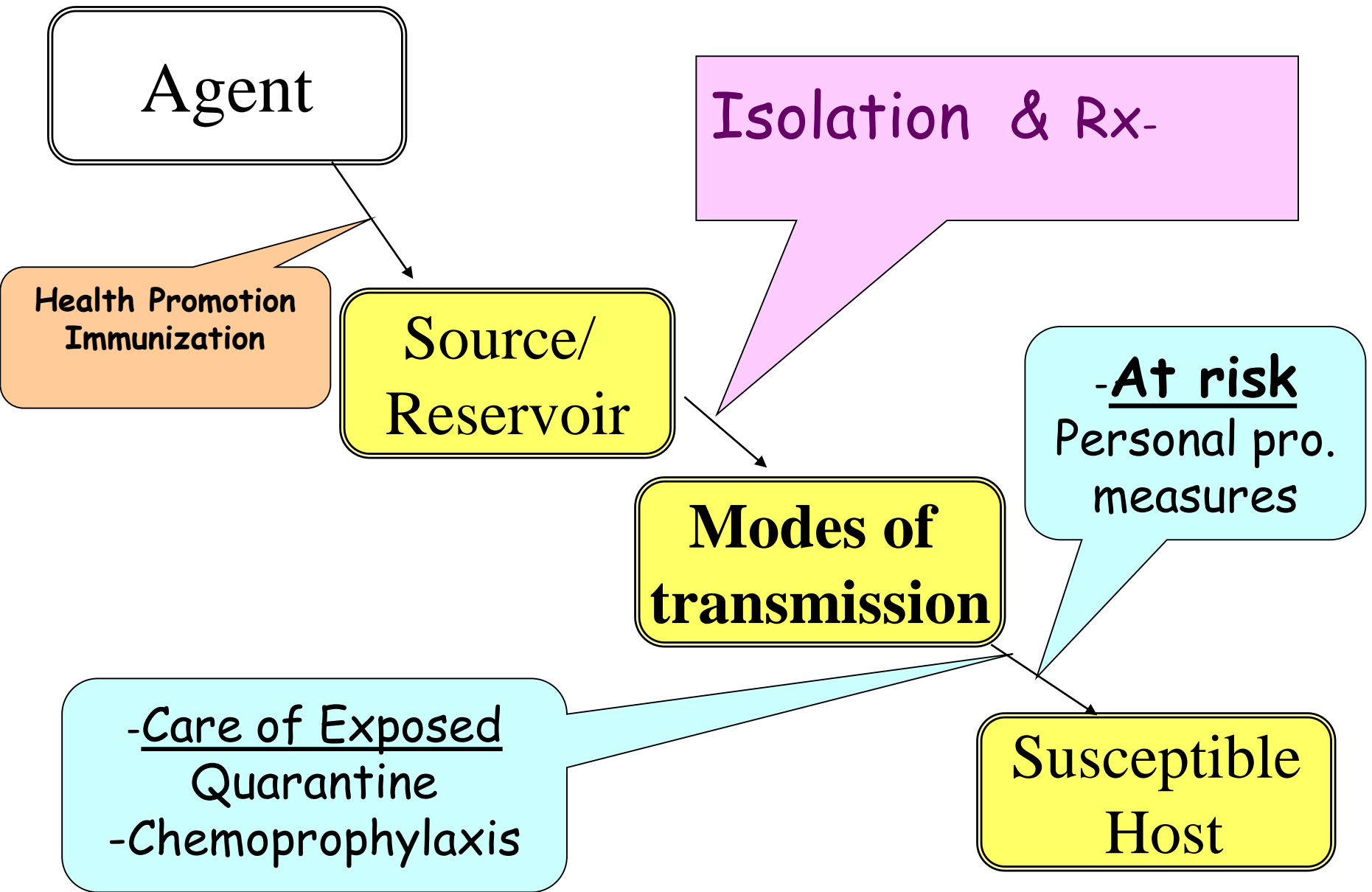


# Prevention



# Communicable disease-Preventive Measures



# Preventive Measures

A- Reservoir/Source

B- Interruption Of transmission

C- Increase Host resistance

# A- Reservoir/Source

## Human

- Active case detection
- Passive surveillance
- Early diagnosis & Rx
- Chemotherapy
- Health Education
- Notification

## Extra-Human

- Testing animal/herd for infection
- Vaccination of pets
- Rx of infected
- Destruction
- Avoidance of close contact

# **B- Interruption Of transmission**

- Avoidance of physical contact
- Disinfection/ disinfection
- Isolation, Quarantine
- Barrier nursing
- Water disinfection
- Food hygiene
- Pasteurization/ boiling milk
- Good housing & ventilation
- Avoid overcrowding
- Dust control
- Vector control
- Hospital waste management
- Universal precaution
- Health education

# **C- Increase Host resistance**

- Immunization
- Healthy habits & behavior
- Personal protective measures
- Better health & nutritional status
- Chemoprophylaxis

Other way of describing prevention  
& control measures



**Presence of risk factor in surrounding**

**Primordial Prevention**

**Healthy person**

**Acceptability**

**Primary Prevention**

**Secondary Prevention**

**Clinical/  
Symptomatic**

**Complication**

**Tertiary Prevention**

**Death/Permenant disability**

*Biologic Onset*

Detection Possible

*Signs & symptom*

Diagnosis

Treatment

# Pre-Pathogenesis Phase

<b>Levels of Prevention`</b>	<b>PRIMARY PREVENTION</b>
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Modes of Intervention

- 1. Health Promotion &**
- 2. Specific Protection**

# Pathogenesis Phase

<b>Levels of Prevention</b>	<b>SECONDARY PREVENTION</b>	<b>TERTIARY PREVENTION</b>
<b>AIM</b>	To prevent complication & suffering	-Prevent death -Disability Limitation
<b>Modes of Intervention</b>	Early Diagnosis & Treatment	-Treatment of complication -Rehabilitation

# Primary Prevention

## INDIVIDUAL LEVEL

- Health Promotion- Health education & awareness
- Specific Protection (Exposed person)  
e.g Quarantine, Vaccination, Chemoprophylaxis
- Health advise to travelers

## MASS LEVEL

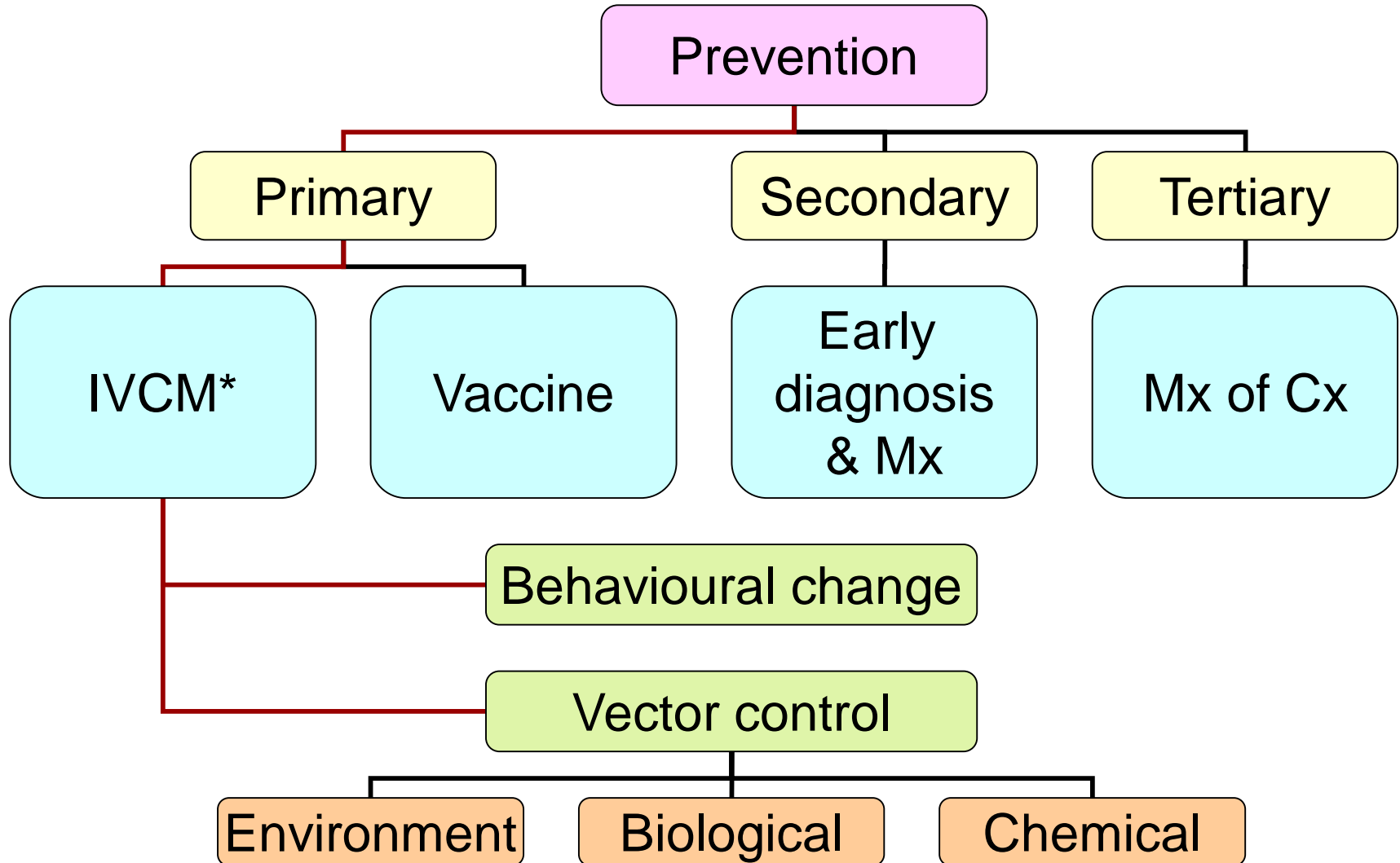
- Early Identification Of Community Spread & Mx  
e.g- Active case searching, contact tracing
- Control of disease in animals, birds....

Activites under National programme/ carried out by Govt

# Secondary Prevention

- Diagnostic strategy as per govt guideline
- Treatment as per govt guideline/National health programme
- Follow up protocol of cases
- Where treatment is available
- How it is carried out at PHC level

# Prevention of Vector born diseases



# Non communicable disease Prevention

- **Primordial** –Emergence of Risk Factors
- **Primary-**

**Population strategy-** Control OF risk Factors-

**High Risk strategy-** Who are at risk?

**Secondary-**

# HYPERTENSION

## Prevention

- **Primordial** –Emergence of Risk Factors

- **Primary-**

Salt-<5mg/day, Cut off values of HDL,LDL....

**Population strategy-** Control OF risk Factors-

As per CVD exclude- HT,DM,Synd.X

**High Risk strategy-**

At risk person- >40 years, Family H/o HT.....

Tracking, Rule of half, JNC risk group A,B,C

**Secondary-** Screening, F/Up, DASH Diet, Treatment